

Programs for Educators

2003–2004
School Year Edition



Programs for Educators Directory

2003-2004 School Year Edition

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The 2003-2004 King County Programs for Educators Directory can be found on the King County web site in .pdf format at <http://www.dnr.metrokc.gov/swd/schoolpr/EduDir.htm>



This material will be provided in alternate formats upon request for individuals with disabilities. Please dial 711 for TTY relay.

NOTE: All programs are provided free of charge, unless otherwise noted.
Please contact program provider for details.



September 2003

Dear King County Educators:

It is with great pleasure that I introduce the publication of the 2003-2004 King County Programs for Educators Guide.

The annual update of this guide helps ensure that educators have current information on available county materials, funding sources and organizations. This publication is the result of the coordinated efforts of a number of county agencies that provide services or programs to schools and is an example of the vital cooperation that develops and sustains just and equal educational opportunities. This edition features numerous programs that present students with a wide variety of topics ranging from disaster and emergency preparedness to natural resource stewardship. These and other programs listed in the guide deal with issues that shape and influence our quality of life in King County now and well into the future.

As King County Executive, I have worked to make education a top priority for my administration. Our economic strength, vitality and quality of life rest on enabling all of our citizens to access educational avenues necessary to succeed and prosper. I commend all who have contributed to the compilation and publishing of this valuable resource.

Congratulations for yet another outstanding edition!

A handwritten signature in black ink, appearing to read 'Ron Sims', with a large, stylized loop at the beginning.

Ron Sims
King County Executive



I. Arts, Culture and Heritage

ARTS PROGRAMS

Grants

Cultural Education Program - Arts in Education Grants

Cultural Development Authority of King County

Grades K-12 • Annual competitive grants are awarded to artists and arts organizations for collaborative projects in King County schools. Successful proposals will broaden the scope of arts education in the curriculum through integration into the classroom and through working partnerships with teachers, schools and school districts to build comprehensive and sequential arts learning in the schools.

Contact Charlie Rathbun at 206-296-8675 or charlie.rathbun@culturaldevelopment.org for more information.

Special Projects Program - Arts Projects Grants

Cultural Development Authority of King County

All ages • Annual competitive grants are awarded to artists, arts organizations and community arts groups for special initiatives including after school programs, community outreach projects and programs addressing special populations such as seniors, special needs youth, youth at risk, ethnic communities, etc.

Contact Doreen Mitchum at 206-296-7579 or doreen.mitchum@culturaldevelopment.org for more information.

schools. Successful proposals will involve students and teachers in documenting, preserving and interpreting local historic and heritage resources. Proposals should broaden the scope of heritage resources into core curriculum, including local history, archaeology, social science and other subjects.

Contact Charles Payton at 206-296-8693 or charles.payton@culturaldevelopment.org for more information.

Special Projects Program - Heritage Projects Grants

Cultural Development Authority of King County

All ages • Annual competitive grants are awarded to local history museums, heritage organizations, historians and heritage specialists for special initiatives involving youth in the identification, documentation and preservation of local heritage resources. Such resources may include, but are not limited to, historic and archaeological sites, museum exhibits and collections; oral history projects that interview community elders, and community history research.

Contact Charles Payton at 206-296-8693 or charles.payton@culturaldevelopment.org for more information.



Salmon People

© Roger Fernandes, courtesy of the Museum of History and Industry's *Change of Worlds* virtual exhibit: www.changeofworlds.org

CULTURE and HERITAGE PROGRAMS

Grants

Cultural Education Program - Local History in Education Grants

Cultural Development Authority of King County

Grades K-12 • Annual competitive grants are awarded to local history museums, heritage organizations, historians and heritage specialists for collaborative projects in King County public

Internet Resources

Cultural Education Web Site

Cultural Development Authority of King County

An on-line guide to cultural education is available at <http://www.artseducationlink.net>.

Other Resources

Cultural Diversity Program

Washington State University, Cooperative Extension Service/King County Community and Human Services

All ages • This workshop program is designed to support organizations, educators, and recruiters that want to recruit and/or implement programs



for minority groups. Understanding the diversity of a culture encourages successful management of human resources. This program presents a variety of innovative educational opportunities that will contribute to the life-long learning of minorities and the success of their communities. The program operates year-round and includes cultural foundation information to encourage the development of personal awareness and information necessary for a person to engage in positive and

productive relationships with culturally diverse individuals or groups. In addition, the program is designed to encourage an understanding of the differences and similarities that exist between individuals and cultural groups and their activities. Workshops are one to three hours in length and are available upon request.

Contact Sonia G. Morales O. at 206-205-3133 or sonia.morales@metrokc.gov for more information.

II. Community

Classroom Programs

Civil Rights Education

King County Office of Civil Rights

Grades 11, 12, others • This office enforces King County's anti-discrimination ordinances concerning housing, employment, contracting, and public accommodations in services such as gas stations and stores, and assists the County in meeting its Title VI responsibilities. Speakers describe the office's work and services, and talk about basic civil rights protection, fair housing and fair employment practices. The presentations are intended for upper high school grade levels, but topics can be tailored to the audience. They take from 30 to 50 minutes, and can be expanded. The topics apply to Washington's Essential Academic Learning Requirements found in the Social Studies categories of Civics and History.

For information about the King County Office of Civil Rights, check out the OCR web site at www.metrokc.gov/dias/ocre or find the link at www.metrokc.gov/kids. The Office of Civil Rights publishes an agency brochure, an annual report, fact sheets and the Fair Housing Update Newsletter that are available on request, on our web site, and in alternate formats.

Contact John Macdonald at 206-296-7592, 206-296-7596 TTY or john.macdonald@metrokc.gov for more information.



Other Resources

Community Gardening Program

King County Department of Natural Resources and Parks

All ages • This program provides an opportunity for people to learn about growing plants and vegetables organically in a ten-by-forty foot rental plot. Community Gardens are located at North Green River Park at Green River Road and 94th Place South near Kent, and at Marymoor Park, 6046 West Lake Sammamish Pkwy NE, near Redmond. Applications are accepted on an on-going basis, as space is available. Year-round and seasonal plots are available at both gardens. School groups can make a school-year commitment at either garden. Gardeners must provide all equipment. Rental fee for school groups may be waived.

Contact Anne Lipe at 206-205-8751 or anne.lipe@metrokc.gov for more information.

III. Environment

The following environmental education classes, previously offered through the King County Interpretive Program's Office under the Nature Connections program, are now offered by Nature Vision, a non-profit organization dedicated to fostering appreciation and stewardship of our environment through integration of school and community for a sustainable future.

- Stream Connection
- Forest Connection
- Nature in the Classroom
- Puget Sound Connection
- Wetland Connection

Contact Clay Heilman at 425-836-2697, or visit <http://www.naturevision.org/> for more information.

HOUSEHOLD HAZARDOUS WASTE

Action Projects

Action Teams

King County Department of Natural Resources and Parks, Solid Waste Division

Grades 4-12 • Classrooms are encouraged to take action for the environment by completing a project that enhances their own and others' awareness of the effects of household hazardous waste. Teachers can receive project funding through mini-grants of \$50 to \$500 as well as technical assistance in developing and implementing the project. Past projects have included water quality testing, stenciling storm drains, developing an

organic or pesticide-free garden, and developing projects for a science or environmental fair. Priority is given to teachers who have taken the Hazards on the Homefront Teacher Workshop.

Contact Jennifer Howell at 206-583-0655 or visit <http://dnr.metrokc.gov/swd/schoolpr/hhw/minigrants.htm> for more information.

Classroom Programs

Hazards on the Homefront: Slugs, Bugs, and Dirty Toilets

King County Department of Natural Resources and Parks, Water and Land Resources Division

Grades 4-12 • Find out how common, hazardous household products like bug killers, car products, paints and cleaners can affect the health of people, salmon, and the environment.

Activity options include having students:

- Handle real household products, and learn how to identify the hazardous ones by reading the labels.
- Place environment photo cards in sequence to trace the route of hazards from home to streams and salmon.
- Critique different hazardous waste disposal options.
- Test safer cleaning products.
- Shop for least-hazardous products or try out Toxic-Free Bingo.
- Produce skit "commercials" for safer household products using props provided.

Choose either a one-day session (55 minutes - 2 hours) or a longer, customized, hazardous waste mini-unit spread over two to three days. All sessions are interactive and activity-based. Teachers



Earth Heroes at School Program

This program is part of a countywide Earth Legacy Initiative, which consists of a number of programs that protect and enhance King County's environment. The Earth Heroes at School Program recognizes teachers, students, staff, programs and local schools for doing exceptional work to protect our natural resources through their educational efforts. Nominate your colleagues (or yourself) if you know of programs that are making a difference. Nomination forms will be available in January 2004. Call 206-296-4477.

frequently integrate this program into studies of water quality and water pollution, environmental and health issues, recycling and waste disposal, and chemistry and the community. This program supports the Washington State EALRs.

To schedule a free hazardous waste program, contact Gail Gensler at 206-263-3082 or gail.gensler@metrokc.gov. You may also visit <http://www.metrokc.gov/hazwaste/teachers> for more information.



Curricula

Hazards on the Homefront: A Teacher's Guide to Household Hazardous Waste

King County Department of Natural Resources and Parks, Solid Waste Division

Grades 4-6 and 7-12 • This guide is designed to familiarize students with the health and environmental effects associated with the use of many common household products. The activities in

the guide teach students about reading product labels and making safe choices about use, storage and disposal of hazardous products. The activities also develop skills for investigating these issues and suggest opportunities for students to actually do something about reducing hazardous waste in their community. Lessons in the guide are matched to multiple intelligence levels and various Washington State EALRs. The guide is available free to teachers who take the Hazards on the Homefront teacher workshop.

Contact Gerty Coville at 206-296-8459 or gerty.coville@metrokc.gov for more information.

Grants

Hazards on the Homefront: Mini-grants

King County Department of Natural Resources and Parks, Solid Waste Division

Funding in amounts ranging from \$50 to \$500 is available to teachers who have taken the Hazards on the Homefront training. Funding can be used for teaching lessons from the curriculum or carrying out an action project with students. A brief written report is required upon completion of the lesson or project.

Contact Jennifer Howell at 206-583-0655 or visit <http://dnr.metrokc.gov/swd/schoolpr/hhw/minigrants.htm> for more information.

Internet Resources

Hazardous Waste Web Site

King County Department of Natural Resources and Parks, Water and Land Resources Division and Solid Waste Division

- For information on household hazardous waste, visit <http://www.metrokc.gov/hazwaste/>
- For online publications visit <http://dnr.metrokc.gov/topics/publications/publtopic.htm>
- Teachers may access information about household hazardous waste programs at <http://dnr.metrokc.gov/swd/schoolpr/hhw/hhw.htm>

Teacher Workshops

Hazards on the Homefront: Teacher Training Workshops

King County Department of Natural Resources and Parks, Solid Waste Division

Teachers of Grades 4-12 • These workshops demonstrate how to incorporate the lessons in the Hazards on the Homefront teacher's guide into different subject areas. Teachers receive ready-to-use classroom materials, follow-up support and other resources. Clock hours credit and teacher stipend are available.

Workshops are scheduled for January 11, February 8, June 24, August, and October 2004.

Contact Jennifer Howell at 206-583-0655 for more information or email workshop@triangleassociates.com.

RESOURCE CONSERVATION

Action Projects Green Schools Program

King County Department of Natural Resources and Parks, Solid Waste Division

Grades K-12 Public and Private Schools •

This program assists individual schools and school districts in initiating and expanding conservation practices. The program is intended to help





schools conserve natural resources and dollars, to lessen their “environmental footprint” and to increase awareness of resource conservation strategies among administrators, students, faculty and staff. Participating schools set goals in two to four categories, selected from the following list of eight: waste reduction and recycling (required); hazardous materials reduction and

management; environmental purchasing; litter reduction; energy conservation; water conservation; reduction of greenhouse gas emissions; and addressing environmental issues in the classroom. Through hands-on assistance, information, referrals and funding, King County helps schools and school districts reach their goals. Participating schools are recognized on the program’s web site and through King County press releases highlighting school efforts and achievements. Visit the Green Schools web site at <http://dnr.metrokc.gov/swd/schoolpr/greenschools/>.

Contact Dale Alekel at 206-296-8457 or dale.alekel@metrokc.gov for more information.

Recycling and Waste Reduction Assistance

King County Department of Natural Resources and Parks, Solid Waste Division

Grades K-12 Public and Private Schools •

This program helps schools start or improve their recycling programs and increase waste reduction activities. Upon request, King County will conduct a walk-through to assess a school’s recycling and waste reduction practices, followed by written recommendations on how the school can increase its recycling rate, decrease its garbage volume and possibly save money. King County will provide follow-up assistance and help educate students and staff on how to participate in the school’s recycling program.

Contact Dale Alekel at 206-296-8457 or dale.alekel@metrokc.gov for more information or to request assistance, or visit <http://dnr.metrokc.gov/swd/schoolpr/recycle/>.

WASTE REDUCTION and RECYCLING

Action Projects

Green Teams

King County Department of Natural Resources and Parks, Solid Waste Division

Grades 1-12 • A Green Team is a classroom group or environmental club that commits to making a positive difference in the environment by completing projects in the classroom, school, or community. Typical school projects include starting a worm bin, sponsoring waste-free lunches and adding new materials to the school recycling program. Workshops and assistance for getting started are available. Green Teams that complete projects are eligible to win prizes and recognition. Each team also receives the Green Gram, an e-newsletter filled with ideas, activities and news of other Green Teams.

Contact Sara Gersten-Rothenberg at 206-583-0655 or saragr@triangleassociates.com for more information, a registration form, or list of project ideas. Or visit <http://dnr.metrokc.gov/swd/schoolpr/elem/greenteams.htm>.

Green Team Mini-Grants:

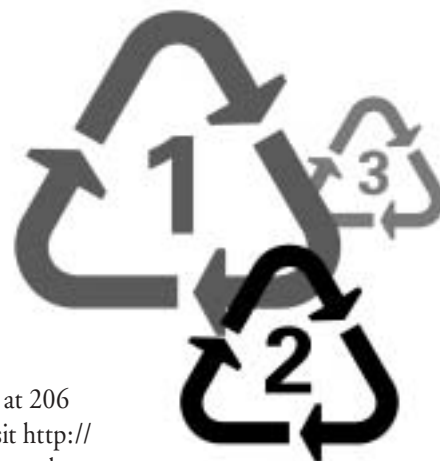
Mini-grants in amounts up to \$500 to support educational activities related to waste reduction, recycling, and resource conservation are available to teachers who participate in the Green Team program. Contact Sara Gersten-Rothenberg at 206-583-0655 or saragr@triangleassociates.com for more information.

Green Gram

King County Department of Natural Resources and Parks, Solid Waste Division

Grades 1-6 • This quarterly newsletter reports on the activities and achievements of active Green Teams and provides ideas for new projects.

Contact Sara Gersten-Rothenberg at 206-583-0655 for more information, or visit <http://dnr.metrokc.gov/swd/schoolpr/news/news.htm>.



Classroom Programs

Hop on the Habitat Express Assembly

King County Department of Natural Resources and Parks, Solid Waste Division

Grades K-6 • Two professional actors present this assembly program with a lively, interactive format to demonstrate how making choices about waste reduction and recycling can help or hurt our habitat. In this fun-packed 40-minute program, students learn that everyday actions and choices to conserve and reuse can help make a difference. This program is offered in both a primary and intermediate version.

Call 206-583-0655 or email workshops@triangleassociates.com for more information or visit

<http://dnr.metrokc.gov/swd/schoolpr/elem/earth.htm>.



Students at Horizon Elementary School hop aboard the *Habitat Express*!

Habitat Express Workshops

King County Department of Natural Resources and Parks, Solid Waste Division

Grades 1-6 • These interactive workshops build on the lessons of the Habitat

Express assembly program. Teachers can choose from among four topic areas: Waste Reduction and Recycling, Habitat Stewardship, Litter Prevention, and Smart Shopping. These 40-minute hands-on presentations are fast-paced, action-oriented and ignite students' own ideas about how to reduce waste and care for the environment.

Call 206-583-0655 or email workshops@triangleassociates.com for more information or visit <http://dnr.metrokc.gov/swd/schoolpr/elem/workshops.htm>.

Master Recycler Composter Volunteers

King County Department of Natural Resources and Parks, Solid Waste Division

All ages • King County's Master Recycler Composter (MRC) volunteers are available to provide school presentations on topics including waste reduction, recycling, composting and alternatives to household hazardous waste. Presentations can include hands-on displays

such as worm bins for food waste composting, environmentally friendly and unfriendly lunches, and alternatives to household hazardous products. Presentations can be made on other resource conservation and waste reduction topics as well.

Call Nanda Blazej at 206-343-9759, ext. 116 to schedule a classroom visit. Contact Karen May at 206-296-4353 or karen.may@metrokc.gov for more information on the MRC program, or visit <http://dnr.metrokc.gov/swd/resrecy/recycling/master.shtml>.

Natural Connections Classroom Workshops

King County Department of Natural Resources and Parks, Solid Waste Division

Grades 6-12 • These classroom workshops for secondary school students are based on the messages in the Natural Connections television special and video (described on page 10). The workshops are engaging, interactive, and speak to teens on a level on which they can relate. Students work together in small groups through activity stations that encourage each of them to discuss, debate, and discover "Why I should care." The workshops challenge teens to develop critical thinking skills by connecting environmental impacts to their everyday choices. A written activity sheet that students complete during the class period holds students accountable for their learning and reinforces key concepts. All workshops integrate Essential Academic Learning Requirements. Workshops are designed for a 50-minute class period but can run up to 75 minutes for longer class periods. Companion videos are provided. Choose from:

Biodiversity in Our World: What is biodiversity and why is it important? Through challenging and fun hands-on activities, students gain a clear understanding of biodiversity, human impacts on the planet, and how their personal choices can make a difference.

Earth Impact: Over-Consumption or Sustainability? How and why do we choose what to buy? What impact do these choices have on our planet? How can we choose more sustainable products? Students answer these questions as they rotate through activities that explore advertising, packaging, and our ecological footprint.

Environmental Ambassadors: Classes are introduced to a specific recycling and waste



reduction topic and learn how to present it to other students or the community at large. Students are challenged to use group presentation, drama, and art skills as they develop theatrical skits, intercom announcements, and posters. Potential topics include recycling leadership, litter clean-up, hands-on reuse, or worm bin composting.

Environmental Challenge: Are your students ready to help improve your school's environmental practices? During this action-focused workshop, students conduct a "scavenger hunt" to analyze recycling, litter, waste reduction, or other conservation practices in your school. Working with our experts, the students report results to the class and develop a conservation action plan that includes a timeline for implementation and measurable goals to track the school's progress.

Call 206-583-0655 or email workshops@triangelassociates.com to schedule.

Storybooks

King County Department of Natural Resources and Parks, Solid Waste Division

Preschool-Kindergarten • *Adventures with Zeela* is the story of a visitor from another planet who has come to Earth to find out how humans solve the problem of too much waste. *Tikli's Nose* is the story of a troll who helps humans better appreciate ways they can reduce and recycle waste.

Contact Donna Miscolta at 206-296-4477 or donna.miscolta@metrokc.gov.

Waste Busters Classroom Labs

King County Department of Natural Resources and Parks, Solid Waste Division

Grades 6-12 • This exciting environmental education program sparks student interest in waste reduction and recycling while addressing many of the Washington State Essential Academic Learning benchmarks for science, math and social studies. These fun, interactive, hands-on classroom labs are presented by Pacific Science Center instructors.

For Grade 6-8

- **Biosphere**-(science) Compare and explore how Earth's natural cycles break down waste and how our waste-producing activities affect natural systems.
- **Consumption Junction**-(science, social

studies) Learn about the time, energy, and natural resources that go into making an everyday product.

- **Sorting It Out**-(science, social studies) Learn how to decrease the amount of solid waste by using alternatives to disposal. Find out how new products are made from your recycled materials.
- **Weigh the Waste**-(math, social studies) Students will become "garbologists" as they investigate landfill samples from the last forty years.
- **Zero in on Waste**-(science, social studies) Discover ways to actively reduce waste and encourage the purchase of alternative products for use at school and at home through an interactive board game.

For Grade 9-12

- **Biosphere**-(science) Compare the biotic and abiotic factors that affect ecosystems, communities and populations living in a closed system.
- **Count on Recycling**-(math, social studies) How are recycling programs affected by the economy and changing market rates? Students will decide which programs should be implemented to increase recycling.
- **Face the Waste**-(social studies, math) Through a simulated city council meeting, students are introduced to different solid waste management strategies.
- **Waste Not, Want Not**-(science, social studies) Investigate the connections between natural resources and the products we consume.

Contact Gail Reeder at 206-443-2851 or waste_busters@pacsci.org for more information or to schedule a visit.



Waste Reduction and Recycling Activity Sheets

King County Department of Natural Resources and Parks, Solid Waste Division

Grades K-6 • Seven activity sheets provide lessons and tips on reducing waste and recycling. Lessons include:

- Be a Garbage Gumshoe: Investigate Your Garbage
- Grocery Store Scavenger Hunt
- How to Improve Your School's Waste Reduction and Recycling Program
- Plan a Waste-Free Lunch
- Set Up Your Classroom to Encourage Reuse

You can download these at [http://](http://dnr.metrokc.gov/swd/schoolpr/elem/activity.htm)

dnr.metrokc.gov/swd/schoolpr/elem/activity.htm, or call 206-583-0655 to request copies.

Curricula

Zero in on Waste Guides

King County Department of Natural Resources and Parks, Solid Waste Division

Grades 6-12 • Lessons on waste reduction and recycling are presented in the context of science, math and social studies in these curriculum guides.

Contact Donna Miscolta at 206-296-4477 or donna.miscolta@metrokc.gov for more information, or visit <http://dnr.metrokc.gov/swd/schoolpr/second/guides.htm>.

Field Trips

Tours - Cedar Hills Landfill

King County Department of Natural Resources and Parks, Solid Waste Division

All ages • Schedule tours of King County's regional landfill by calling the Cedar Hills Landfill at 206-296-4490. Background information about the landfill is available on the web site at <http://www.metrokc.gov/dnr/kidsweb>.

Tours - Transfer Station

King County Department of Natural Resources and Parks, Solid Waste Division

All ages • All of King County's transfer stations - Algona, Bow Lake, Enumclaw, Factoria, First Northeast, Houghton and Vashon - are open for tours by appointment. The Enumclaw and Vashon Transfer Stations are state-of-the-art facilities featuring recycling centers, public facilities and artwork made from recycled materials.

Contact the Cedar Hills Landfill at 206-296-4490 to schedule a tour.



Publications

Class Act

King County Department of Natural Resources and Parks, Solid Waste Division

Grades K-12 • This quarterly newsletter provides information on program offerings, and reports on projects undertaken by students and teachers. While primarily focused on waste reduction, recycling and household hazardous waste issues, the newsletter tries to include news and information on other King County programs of interest to schools.

Contact Donna Miscolta at 206-296-4477 or donna.miscolta@metrokc.gov for more information, or visit <http://dnr.metrokc.gov/swd/schoolpr/news/news.htm>.





Videos

The following videos are available for loan for a length of two weeks from the King County Solid Waste Division. Call 206-296-4466.

All the Right Stuff

Grades 6-12 • Topic: Consumerism, teen marketing. Length: 25 minutes. A Canadian teenager looks more closely at teen spending habits. Join him on his trip to the mall and see how teens are bombarded with marketing campaigns that pressure them to keep up with the latest trends.

Complete the Circle

Grades 5-12 • Topic: Waste reduction and recycling. Length: 27 minutes. Get the full story on recycling! See what actually happens to our recyclables and learn how to close the loop by shopping smarter.

Countdown to Earth Day

Grades 2-6 • Topic: Recycling, hazardous waste and composting. Length: 35 minutes. This comprehensive video shows students getting answers to questions about recycling, waste reduction, composting, hazardous waste and how to better care for our environment.

Get Busy: How Kids Can Help Save the Planet

Grades 2-7 • Topic: Waste reduction and recycling. Length: 30 minutes. Stephanie and Z from 3-2-1 Contact explore the positive and negative effects of modern technology in looking at environmental problems such as solid waste disposal and water pollution.

Give the Rake a Break, Jake!

Grades 5-10 • Topic: Smart lawn care. Length: 4 minutes. Learn why you never have to bag your grass clippings again!

Household Hazardous Waste: A Little Goes a Long Way

Grades 6-12 • Topic: Hazardous waste. Length: 15 minutes. Learn how to recognize, safely use and dispose of some of the hazardous products in our lives. You'll also learn about some safer alternatives.

It's All Connected

Grades 2-6 • Topic: Hazardous waste. Length: 11 minutes. Delivered with a twist of humor, this short video looks into hazardous waste, some consequences of its use and safer alternatives.

The Merchants of Cool

Grades 9-12 • Topic: Consumerism. Length: 60 minutes. This Frontline program explores the culture in which today's American teenager is growing up and how their lives have become the object of obsessive focus by corporate America.

Mr. Roger's Neighborhood

Preschool-Kindergarten • Topic: Recycling. Length: 30 minutes. When solid waste problems plague the "Neighborhood of Make-Believe," Mr. Rogers talks to children about the importance of waste reduction.

Gotta Have It

Grades 6-8 (some 5th and 9th grade teachers may find it appropriate for their students as well) • Topic: Consumerism, teen marketing. Length: 16 minutes. A unique narrative video about teenagers influenced by the media to purchase products they may not need. Rather than relying upon facts and figures to convey messages about over-consumption, this is a "movie-like" video that promotes critical thinking skills and stimulates awareness of: a) the connection between over-consumption of material goods and depletion of natural resources; and b) media advertising techniques. Based on a play written by King County middle school students and a theatre teacher, the video was shot locally and features local talent.

The video comes with a teacher's guide to help focus classroom discussion and student understanding of the concepts presented.

"Gotta Have It" could be used in a unit on natural resources, consumer awareness and responsible purchasing, or advertising and media strategies. It would be an appropriate follow-up to King County's "Natural Connections" video, which deals with the impacts of our everyday actions on the environment.



Natural Connections - Emmy Award Winner!

Grades 4-12 • Topic: Environmental awareness. Length: 48 minutes. Several Northwest scientists, as well as world-renowned biologist Edward O. Wilson, speak about the inter-connectedness among different species and their ecosystems and how our everyday actions affect the environment. Topics include biodiversity, the role of salmon in the web of life, keystone species and healthy forests.



No Time to Waste

Grades 4-8 • Topic: Environmental awareness and the political process. Length: 30 minutes. Follow middle school students from around the world as they take on environmental projects and learn how to make a difference through the political process.

Oil and Water Don't Mix

Grades 6-12 • Topic: Recycling oil. Length: 8 minutes. A popular comedian shares knowledge about where oil comes from, the problems with disposal and ways we can use oil safely.

Old John

Grades K-5 • Topic: Environmental awareness. Length: 57 minutes. An elementary school class is visited by a wise old man who helps them travel

through time and space as they consider the tug-of-war between future society's needs and maintaining the ecosystem.

Our Planet Earth

Grades 4-12 • Topic: Environmental awareness. Length: 23 minutes. This award-winning film documents 17 astronauts from 10 different countries as they share their experiences and insights in the hope that others will see the wonder and fragility of our planet, as they have, from beyond political and geographical boundaries.

The Resource Revolution

Grades 6-12 • Topic: Recycling. Length: 12 minutes. Through one student's classroom presentation, we learn the basics of the recycling movement with an emphasis on plastics.

The Rotten Truth

Grades 2-8 • Topic: Waste reduction and recycling. Length: 30 minutes. Visit the "museum of garbage," the world's largest landfill and a recycling plant, as a student guide teaches about waste reduction and recycling.

Space Station Earth

Grades K-5 • Topic: Waste reduction and recycling. Length: 23 minutes. Join a classroom of elementary school students as they learn why we

NEW!

STUFF - 3 short pieces: "Sole for Sale"; "Food for Thought"; "Think Twice"

Grades 8-12 • Topic: Personal consumption and the environment. Length: 13 minutes.

Through a program sponsored by King County Solid Waste Division, students at Foster High School in Tukwila, Washington explored their own consumption habits and read the book *Stuff: The Secret Lives of Everyday Things* before producing the video pieces with assistance from 911 Media Arts Center and funding from the EPA. Each video piece focuses on what goes into making, transporting and/or consuming ordinary products that North Americans use in their daily lives.

Brief Video Synopsis

Two high school students metaphorically "sleep walk" their way through an average school day. As each character uses familiar items such as a cell phone, portable stereo, diet breakfast

drink and fast food, the viewer learns about various aspects of that product's production and disposal, and related environmental impacts. Through graphics, photos and voice-over narration, the viewer sees where a product comes from, the resources used to make it, and where it goes when it is no longer wanted or needed. In the end the characters start to "wake up" to ways that consuming so much stuff affects the planet. They challenge viewers to wake up as well -- and not to rely on material things for happiness.

The video comes with a teacher's guide to help focus classroom discussion and student understanding of the concepts presented. The video could be part of a unit on natural resources, or consumption, consumer awareness and responsible purchasing. It would be an appropriate follow-up to King County's "Natural Connections" video, which deals with the impacts of our everyday actions on the environment.



recycle, what happens to our recyclables and how we can reduce the amount of waste we create.

Steps to Successful Composting

Grades 6-12 • Topic: Composting. Length: 30 minutes. Some delightful Canadians show you everything you need to know about the composting process.

Studies in Stewardship

Grades 5-12 • Topic: School-based environmental projects. Length: 8 minutes. Three schools in King County are profiled for their environmental projects. Featured are river ecology studies at Snoqualmie Elementary, a recycling program at Tolt Middle School, and a composting project at West Auburn High School.

Turtle World

Grades 3-12 • Topic: Environmental awareness. Length: 9 minutes. This award winner is a prophetic and insightful look at how human nature has allowed us to lose touch with the Earth. It is a simple but powerful story told through the wonder of computer animation and is a great conversation starter.

The Waste Zone

Grades 3-10 • Topic: Waste reduction and recycling. Length: 14 minutes. Bill Nye shows a couple of youngsters why they need to recycle. The last five minutes look at the recycling process itself and some of the products made with recycled materials.

Wiz Kids Go Green

Grades 2-6 • Topic: Waste reduction and recycling and consumerism. Length: 40 minutes. In this video of a Wiz Kid performance, consumerism, smart shopping, garbage analysis and worm bins are explored in their wonderfully engaging and humorous style. The Wiz Kids are top-notch educators and entertainers.

Wiz Kids Video Adventures

Grades K-6 • Topic: Waste reduction and recycling, composting and worm bins. Length: 28 minutes. Through seven lively short stories, students and teachers learn a variety of behaviors that will help them to reduce the amount of waste they create.

WATER QUALITY

Action Projects

Car Wash Kits

King County Department of Natural Resources and Parks, Water and Land Resources Division

Grades 4-Adult • Does your school hold fund-raising car washes? King County has two salmon-friendly car wash kits you can check out for your fund-raiser. This kit diverts soapy wastewater to the sanitary sewer for treatment instead of allowing it to flow directly down the storm drain to fish habitat. Educate others about what they can do to help keep our water clean and safe for salmon with the educational pamphlets provided.

Contact Lexi Taylor at 206-296-8287 or lexi.taylor@metrokc.gov or visit <http://dnr.metrokc.gov/wlr/pi/carwash.htm> for more information.

Storm Drain Stenciling

King County Department of Natural Resources and Parks, Water and Land Resources Division

Most ages • Stenciling can be done at a location and time convenient for your class during the drier months of the year. Storm drain stenciling teaches students and community members that motor oil, antifreeze, paints and other chemicals dumped into storm drains flow untreated into our region's waters.

Contact Lexi Taylor at 206-296-8287 or lexi.taylor@metrokc.gov for information, or visit <http://dnr.metrokc.gov/wlr/pi/stencil.htm> for more information.



Classroom Programs

Groundwater Education Program

King County Department of Natural Resources and Parks, Water and Land Resources Division

Grades 3-12 • Classroom presentations and hands-on activities introduce the topics of groundwater and the water cycle. Groundwater is the major source of drinking water for much of King County. Students learn about groundwater terms, the water cycle, aquifers, the contamination of groundwater and what they and their families can do to conserve and protect this natural resource. The impact groundwater has on the local salmon habitat is also discussed. Aquifer and



Water quality education provided by the Water and Land Resources and the Wastewater Treatment Divisions.

groundwater simulators, as well as props in an interactive skit are used to illustrate these principles in the classroom. Students learn through visual demonstrations that what they do above ground affects what happens to our groundwater supply. After engaging in these interactive classroom activities, children and family interact in a home conservation

and pollution inventory assessment, with findings discussed with classmates.

Contact Ray Eldridge at 206-263-6572 or ray.eldridge@metrokc.gov for more information.

Water Quality Education Program

King County Department of Natural Resources and Parks, Water and Land Resources and Wastewater Treatment Divisions

Grades 4-12 • This program features a general discussion of water quality issues. Included is information about the water cycle, hazardous waste such as pesticides and household cleaners and



available alternatives, the difference between storm drain and sewer water, wastewater treatment and what happens to the water and leftover solids after treatment. A groundwater model is used to show what happens to the pesticides, oil and fertilizers that we use in our daily lives. Salmon recovery and the Endangered Species Act are also introduced.

Materials and resources are left with teachers as well as suggested activities for students.

Program Needs:

- One hour of class time on Monday or Wednesday
- Room that will darken for slide show
- Water and a sink

Contact Lexi Taylor at 206-296-8287 or lexi.taylor@metrokc.gov to schedule.

Field Trips

Wastewater Treatment Plant Tours

King County Department of Natural Resources and Parks, Wastewater Treatment Division

Grades 5-Adult • Tour one of King County's regional wastewater treatment plants. Spend two hours exploring either the South Plant in Renton or West Point Treatment Plant near Seattle's Discovery Park. Follow the process of treating and reclaiming wastewater and biosolids. Closed-toe, flat shoes must be worn. Tours limited to one classroom-sized group; 42 participants maximum per day.

Contact Laura Gray at 206-263-6028 or laura.gray@metrokc.gov for more information, or visit <http://dnr.metrokc.gov/wtd/tours/index.htm>.

Waterworks Garden Stroll - South Plant - Renton

King County Department of Natural Resources and Parks, Wastewater Treatment Division

All ages • *Landscape Architecture* magazine calls it a "modern ecological experience." Stroll through Waterworks Garden, an eight-acre public space, where art, technology and nature join in a unique way. Five garden areas follow nature's path in the purification of storm water received from the adjacent wastewater reclamation plant. Limited parking.

Contact Laura Gray at 206-263-6028 or laura.gray@metrokc.gov for more information.

Wheels to Water

King County Department of Natural Resources and Parks, Wastewater Treatment Division/Water and Land Resources Division

Grades K-12 • Wheels to Water is a King County program providing free Metro bus transportation for schools to approved water quality sites in both King and Snohomish Counties. Some of the program participants include:

- Mercer Slough Environmental Education Center
- Mountains to Sound Greenway Environmental Education Program
- King County Wastewater Treatment Plant
- Adopt-a-Stream

Contact Laura Gray at 206-263-6028 or laura.gray@metrokc.gov for information on other participating programs or to reserve a bus, or visit <http://dnr.metrokc.gov/wtd/wheelstowater>.



Grants

NEW!

Splash - the Water Quality Education Fund

King County Department of Natural Resources and Parks, Water and Land Resources Division

All ages • Schools, non-profits, and local government agencies can apply for funding for educational projects related to water quality. The primary activity of the project must be community education.

Contact Ken Pritchard at 206-296-8265 or ken.pritchard@metrokc.gov or visit

<http://dnr.metrokc.gov/wlr/pi/grant-exchange/splash.htm> for grant guidelines or more information.

the interconnectedness we share with all living things in a watershed, and why it is important to protect our fragile water resources. The film is ideal for the classroom and for anyone interested in understanding the function and value of our local watersheds. Viewers learn what they as individuals can do to help make a difference. This video will be supplied free to teachers and school libraries for use in classrooms, meetings or home viewing.

Contact Valerie Dascil at 206-296-1968 or valerie.dascil@metrokc.gov for more information.



Videos

Groundwater: The Flow From Below

King County Department of Natural Resources and Parks, Water and Land Resources Division

Grades 6-Adult • Topic: Groundwater. Length: 20 minutes.

This video describes where groundwater comes from, how it becomes contaminated and how we can protect it. Produced in a humorous, upbeat manner, the video presents the following groundwater issues:

- Agriculture
- Farming and forestry
- Growth and development
- Underground storage tanks
- Septic systems
- Water conservation
- Sea water intrusion
- Sand and gravel mining
- Landfills
- Hazardous materials management
- Groundwater recharge

Contact Ray Eldridge at 206-263-6572 or ray.eldridge@metrokc.gov for more information.

H2Ope-A Free Video on King County's Watersheds

King County Department of Natural Resources and Parks

Grades 7-Adult • "H2Ope for the Future" tells the stories of King County's watersheds,

Little Drip

King County Department of Natural Resources and Parks, Water and Land Resources Division

Preschool-Grade 4 • Topic: Water cycle.

Length: 15 minutes.

Eight-year-old Wyatt joins Little Drip on an adventurous trip through the water cycle. Through the use of "magic water," Wyatt is shrunk to raindrop size and follows Little Drip through the ground to an aquifer. They are then sucked up a well, bounced onto the pavement, become vapor and Wyatt returns home through his shower water! With Little Drip's help, Wyatt learns how people have an impact on the quality and quantity of groundwater. Children learn:

- The basics of the hydrological cycle
- Groundwater terms
- How groundwater can be contaminated
- What young people can do on a daily basis to conserve and protect our groundwater supply.

Contact Ray Eldridge at 206-263-6572 or ray.eldridge@metrokc.gov for more information.

Wastewater Treatment Division Overview

King County Department of Natural Resources and Parks, Wastewater Treatment Division

All ages • Topic: History of the Wastewater Treatment Division and its operations. Length: 13 minutes.

Contact Jo Sullivan at 206-296-8361 or jo.sullivan@metrokc.gov for more information.





WATERSHEDS, WETLANDS and HABITAT

Action Projects

Native Plant Salvage Program

King County Department of Natural Resources and Parks, Water and Land Resources Division

Grades 6-12 • This unique recycling program involves volunteers in digging up plants from natural sites before they are cleared for development. Later, “rescued” plants are replanted at habitat restoration sites. It is a great opportunity for middle and high school students to learn about native plants and their role in protecting the aquatic ecosystem. Volunteers are needed at both the native plant nursery and during the salvage.

Contact Greg Rabourn at 206-296-1923 or greg.rabourn@metrokc.gov for more information. For upcoming salvages, visit <http://dnr.metrokc.gov/wlr/Pi/salopps.htm>.

Volunteer Plantings/ Adopt-A-Park Programs

King County Department of Natural Resources and Parks, Water and Land Resources Division

Grades 3-12 • There are a number of volunteer opportunities appropriate for youth that range from one-time events to the adoption of a local park. These projects can vary significantly depending on the specific goals and objectives of the educator/school program/youth, and the opportunities available in parks and natural lands. Stewardship and restoration projects have been popular. Programs include fall tree plantings, spring invasive plant removals for stream, wetland and meadow restoration projects at various parks. Volunteering at the King County Greenhouse and Nursery to help raise native plants for the restoration projects is

available throughout the year, and is a great activity for the younger students. These are often the easiest opportunities for teachers to tap into since there is no long-term commitment. Special volunteer events can be arranged for school groups.

If educators are interested in a long-term experience, they can adopt a site with a minimum commitment of four projects per year. Projects vary from site to site, but can include cleaning up litter, planting trees, removing invasive plants, and/or monitoring.

Projects are planned for many Saturdays in the spring and fall. These make great “extra credit” projects for students. Young children must be supervised and an adult must accompany children under 16. Liability waivers are required for those under 18.

Teachers interested in a potential project for a class are encouraged to make a request.

Contact Tina Miller at 206-296-2990 or tina.miller@metrokc.gov for more information, or visit <http://www.metrokc.gov/parks> and click on the volunteer section for an overview of some of our ongoing and one-time projects.

Classroom Programs

Salmon Habitat Presentation for the Green/Duwamish and Central Puget Sound Watershed

King County Department of Natural Resources and Parks, Water and Land Resources Division

Grades 9-12 • This 30-minute PowerPoint presentation is intended for high school students and focuses on salmon and salmon habitat in the Green/Duwamish and Central Puget Sound watershed of southern King County. The watershed public outreach coordinator explains what a watershed is, the problems salmon face, and what students can do to become good stewards of their watershed. Depending on the amount of time available, the presentation can be stretched to an hour-long discussion. To learn more about this watershed, visit <http://dnr.metrokc.gov/Wrias/9/index.htm>.

Contact Dennis Clark, Watershed Public Outreach Coordinator, 206-296-1909 or dennis.clark@metrokc.gov for more information.



WLRD School Credit Program

King County Department of Natural Resources and Parks, Water and Land Resources Division

School districts in the Water and Land Resources Division (WLRD) service area, the western third of unincorporated King County, may apply for a waiver of their WLRD fees based on their administration of water-related curriculum. In addition to in-class instruction, districts may request extra credit for sponsoring relevant teacher training or hands-on activities for students such as sampling water quality at nearby lakes or streams, or raising native plants.

Contact Lexi Taylor at 206-296-8287 or lexi.taylor@metrokc.gov for more information.

Field Trips

Beach Naturalist Program

King County Department of Natural Resources and Parks and Seattle Aquarium

All ages • Trained volunteer naturalists help visitors learn about, care for and enjoy the beach environment. Learn what sea stars eat, why barnacles stand on their heads and how moon snails lay their eggs. Children are especially welcome! Available at seven area beaches on low-tide weekends and some weekdays from May through July.

Contact Polly Freeman at 206-296-8359 or polly.freeman@metrokc.gov, or visit <http://dnr.metrokc.gov/wlr/pi/beach-naturalists.htm> for more information.



"Photo by Machel Spence"

Grants

NEW! Splash - the Water Quality Education Fund

King County Department of Natural Resources and Parks, Water and Land Resources Division

All ages • Schools, non-profits, and local government agencies can apply for funding for educational projects related to water quality. The primary activity of the project must be community education.

Contact Ken Pritchard at 206-296-8265 or ken.pritchard@metrokc.gov or visit

<http://dnr.metrokc.gov/wlr/pi/grant-exchange/splash.htm> for grant guidelines or more information.



WaterWorks Grants

King County Department of Natural Resources and Parks, Water and Land Resources Division

All ages • Grants are available for community projects that protect or improve watersheds, streams, rivers, lakes, wetlands or tidewaters. Projects must have a demonstrable positive impact on the waters of King County and must either improve or protect water quality and water dependent habitats, or demonstrate the beneficial use of biosolids or reclaimed water.

Contact Ken Pritchard at 206-296-8265 or ken.pritchard@metrokc.gov, or visit <http://dnr.metrokc.gov/wlr/pi/grant-exchange/waterworks.htm> for more information.

Wild Places for City Spaces: Urban Reforestation and Habitat Restoration Fund

King County Department of Natural Resources and Parks, Water and Land Resources Division

All ages • Urban reforestation and habitat restoration grant funds are available. These grants can be used for restoration on school grounds if the school is within the Urban Growth Boundary area of King County.

Contact Ken Pritchard at 206-296-8265 or ken.pritchard@metrokc.gov, or visit <http://dnr.metrokc.gov/wlr/pi/grant-exchange/wildplaces.htm> for grant guidelines or for more information.

Other Resources

Wetland Technical Assistance

King County Department of Natural Resources and Parks

All ages • General questions on wetlands can be answered. Contact Klaus Richter at 206-205-5622 or klaus.richter@metrokc.gov for more information.

Publications

Brochures and Posters

King County Department of Natural Resources and Parks, Water and Land Resources Division

Grades K-12 • Brochures, manuals, reports files, audio and video tapes are available by calling 206-296-6519, TTY 711 or toll-free 1-800-325-6165, extension 66519, or visiting <http://dnr.metrokc.gov/wlr/pubs/pubindex.htm>.



Downstream News

King County Department of Natural Resources and Parks, Water and Land Resources Division

Grades 8-Adult •

The "Downstream News" newsletter, with a circulation of 12,000, provides accessible information on land and water issues and publicizes upcoming volunteer events and resources.

Contact Polly Freeman at 206-296-8359 or pol.ly.freeman@metrokc.gov to get on the mailing list, or visit <http://dnr.metrokc.gov/wlr/pi/downstream-news.htm> for more information.

Watershed Stewardship Directory

King County Department of Natural Resources and Parks, Water and Land Resources Division

All ages • This great online tool directs you to people who are working to enhance or restore water and land resources in King County. The directory includes hundreds of government agencies, businesses, schools, community groups and funding sources. If your group should be included, or you are aware of others that should, contact Eric Maia at 206-296-8024 or let us know via the online directory at <http://dnr.metrokc.gov/wlr/wmdir/>.

Videos

H2Ope-A Free Video on King County's Watersheds

King County Department of Natural Resources and Parks

Grades 7-Adult • "H2Ope for the Future" tells the stories of King County's watersheds, the interconnectedness we share with all living things in a watershed, and why it is important to protect our fragile water resources. The film is ideal for the classroom and for anyone interested in understanding the function and value of our local watersheds. Viewers learn what they as individuals can do to help make a difference. This video will be supplied free to teachers and school libraries for use in classrooms, meetings or home viewing.

Contact Valerie Dascil at 206-296-1968 or valeri.e.dascil@metrokc.gov for more information.

SALMON RESTORATION

Action Projects

Fall for Salmon

King County Department of Natural Resources and Parks, Public Affairs

All ages • Numerous opportunities are presented each October for students to learn about salmon through hands-on activities and other opportunities to restore salmon habitat.

Contact Brooke Bascom at 206-296-8263 or brooke.bascom@metrokc.gov for a calendar of events.

Classroom Programs

Salmon Habitat Presentation for the Green/Duwamish and Central Puget Sound Watershed

King County Department of Natural Resources and Parks, Water and Land Resources Division

This 30-minute PowerPoint presentation is intended for high school students and focuses on salmon and salmon habitat in the Green/Duwamish and Central Puget Sound watershed



of southern King County. The watershed public outreach coordinator explains what a watershed is, the problems salmon face, and what students can do to become good stewards of their watershed. Depending on the amount of time available, the presentation can be stretched to an hour-long discussion. To learn more about this watershed, visit <http://dnr.metrokc.gov/Wrias/9/index.htm>.

Contact Dennis Clark, Watershed Public Outreach Coordinator, 206-296-1909 or dennis.clark@metrokc.gov for more information.

Field Trips

Cedar River Salmon Journey

King County Department of Natural Resources and Parks, Water and Land Resources Division

All ages • Take advantage of this chance to see salmon spawning, and learn from volunteer naturalists about the natural and human history of the Cedar River. The program takes place on several Saturdays and Sundays in October and November on the Cedar River near Renton. During the summer, naturalists are on duty at the Chittenden Locks.

Contact Polly Freeman at 206-296-8359 or polly.freeman@metrokc.gov, or visit <http://dnr.metrokc.gov/wlr/pi/cedar-river-journey.htm> for more information.

Grants

Community Salmon Fund

King County Department of Natural Resources and Parks, Water and Land Resources Division

All ages • A joint project between King County and the National Fish and Wildlife Foundation, the purpose of this fund is to stimulate small-scale, voluntary action by landowners, community groups, and businesses to support salmon recovery on private property in King County and South Snohomish County.

Contact Ken Pritchard at 206-296-8265 or ken.pritchard@metrokc.gov or visit <http://dnr.metrokc.gov/wlr/pi/grant-exchange/grantprograms.htm> for more information.

OTHER ENVIRONMENTAL PROGRAMS and RESOURCES

Classroom Programs Forest Ecology, Land Use, Salmon Lifecycle and Biosolids

*Mountains to Sound Greenway
Trust and King County
Department of Natural Resources
and Parks, Wastewater Treatment
Division*

Grades 5-8 • Three curricula are offered: Forests on the Edge; Forests and Fins; and Greening up the Greenway (biosolids recycling). Each curriculum has introductory lessons, in-class sessions and field trips led by a Mountains to Sound environmental educator. Teachers can choose to use all segments of the curriculum or just one, as each stands on its own. Financial assistance is available for transportation to the field trip or the teacher can choose to use the free Wheels to Water bus by contacting Laura Gray at 206-263-6028 or laura.gray@metrokc.gov. These programs help students understand forest ecology, land use issues, the salmon lifecycle and biosolids recycling. Hands-on activities, a video and student led presentations enrich each curriculum.

Grades 9-12 • An environmental case study is available, analyzing the issues associated with the use of biosolids recycling in local forests. A three-hour field activity is also available with this project.

Contact Sally Kentch at 206-524-1665 or skentch@uswest.net, or visit www.mtsgreenway.org for more information.



Grants

Natural Resource Stewardship Network

King County Department of Natural Resources and Parks, Water and Land Resources Division

All ages • Grants and technical assistance are available for urban forestry and watershed stewardship projects within the King County urban growth boundary. The Natural Resource

Stewardship Network is a consortium of government agencies, businesses and educational institutions that pool resources to support community-based projects. Projects must involve volunteers and may include planting and maintaining trees, improving water quality, restoring water-dependent habitats and/or educating citizens about urban forests and watersheds. Grant requests for major projects are reviewed three times a year. Proposals under \$2,000 for urban forestry projects are accepted any time.

Contact Linda Vane at 206-296-8042 or linda.vane@metrokc.gov, or visit <http://dnr.metrokc.gov/wlr/pi/grant-exchange/NRSN.htm> for an application or for more information.



Rural Community Partnership Grants

King County Department of Natural Resources and Parks, Water and Land Resources Division

All ages • A community service of the Rural Drainage Program, Rural Community Partnership Grants target projects that solve drainage, water quality or habitat problems in rural King County. Organizations and schools that work in collaboration with King County to solve drainage, water quality or habitat problems in rural areas may qualify.

Contact Ken Pritchard at 206-296-8265 or ken.pritchard@metrokc.gov, or visit <http://dnr.metrokc.gov/wlr/pi/grant-exchange/grantprograms.htm> for more information.

Internet Resources

KIDS Web Site!

King County Department of Natural Resources and Parks

Grades 4-10 • Visit the Department of Natural Resources and Parks KIDS Web site at <http://www.metrokc.gov/dnr/kidsweb/>. The site features interactive games and information on solid waste, recycling, watersheds, water quality, wildlife, habitat and household hazardous waste.

King County Department of Natural Resources and Parks Web Site

King County Department of Natural Resources and Parks

Find information about hands-on volunteer projects, publications and technical information at <http://dnr.metrokc.gov/>

Topics and issues include:

- Environmental Grants
- Hands on Volunteer Projects
- Parks and Recreation
- Recyclable Goods
- Salmon
- Solid Waste
- Wastewater Treatment
- Water Conservation
- Water and Land

For additional information about specific programs, please forward your request to the contact staff member listed at the bottom of each web page. Also visit our "Resources for Students" page at <http://dnr.metrokc.gov/topics/learning/LRNtop.htm>.

King County Department of Natural Resources and Parks – Publications Online

King County Department of Natural Resources and Parks

All ages • Online publications can be accessed at <http://dnr.metrokc.gov/topics/publications/pubtopic.htm>.

King County Solid Waste Division Web Site

King County Department of Natural Resources and Parks, Solid Waste Division

Online information about all aspects of solid waste can be accessed at <http://dnr.metrokc.gov/swd/>.

King County Volunteer Web Site

King County

Teachers and students looking for student community service projects have a valuable information-gathering resource available to them at <http://www.metrokc.gov/volunteer.htm>. The King County Volunteers page links web site users to more than two dozen volunteer opportunities concerning the environment, salmon conservation, recreation, arts programs, pet foster care, children's services, social services and the law.

King County Water and Land Resources Division Web Site

King County Department of Natural Resources and Parks, Water and Land Resources Division

Visit <http://dnr.metrokc.gov/wlr/> for information about hands-on volunteer projects, publications and plans available to you and your students.

Visit <http://dnr.metrokc.gov/wlr/resource.htm> for information on county water quality programs.

Other Resources

Agriculture Program

Washington State University Cooperative Extension Service/King County Community and Human Services

Grades 6-12 • This program provides an opportunity for secondary students to discover agriculture as a career, to learn that agriculture includes more than farming, and to find out about undergraduate programs available in agriculture. The Agriculture Program is offered through summer school programs. In addition, teachers can enrich their agriculture curriculum and learn different activities for use in agriculture classrooms through a training that will be offered for one full week (Monday through Friday) in July 2004. This training requires a minimum of 20 people.

Contact Sonia G. Morales O. at 206-205-3133 or sonia.morales@metrokc.gov for more information.

Chinook Book

King County and City of Seattle

All ages • A new upstream approach to teaching about natural resource stewardship, this fund-raising tool offers a variety of discount coupons for environmentally helpful products and services.

Call 206-296-6542 or visit <http://www.ChinookBook.net> for more information.

Land/Water Stewardship Program

Washington State University Cooperative Extension Service

All ages • Trainers from WSU Cooperative Extension Service, public agencies and citizen organizations provide classroom and field presentations on natural resource protection topics. The program emphasizes practical stewardship. Recent trainings have focused on watersheds and salmon, including presentations on geology,



hydrology, forest resources, native plants, wetlands, wildlife and interactions between people and watersheds. The trainees also learn how to organize a stewardship project and how to educate youth and adults. Classes are held on consecutive Fridays from March through May, and consist of nine days of in-class training with field exercises, 9 am to 4pm, and two all-day Saturday field trips. Following completion of the training program, new stewards provide outreach to their communities with natural resource information and activities. Videos on water quality, wetland monitoring and agricultural best management practices are also available for loan.

Contact Paul Racette at 206-205-3171 or paul.racette@metrokc.gov, or Sylvia Kantor at 206-205-3131 or sylvia.kantor@metrokc.gov, or visit <http://www.metrokc.gov/WSU-CE/land&water/> for more information.

Lending Library/Lending Center

King County Department of Natural Resources and Parks

All ages • Videos, salmon costumes and publications are available to teachers, community groups, non-profit businesses and public agencies through this lending system.

Video titles: "Little Drip," a 15-minute adventure through the water cycle with eight-year old Wyatt and Little Drip; "Groundwater: the Flow From Below" which uses humor to explain what groundwater is and how to protect it; "Go Natural!" featuring Bert the Salmon, who gives advice on salmon-friendly lawn care.

Salmon costumes: several life stages of salmon

are conveyed by costumes that can be borrowed and worn at fairs, workshops and various public events.

Publications: The “Home and Garden Hints for Healthy Streams and Salmon” brochure provides water quality-friendly hints on home, yard and car care. “Get Your Feet Wet!” highlights volunteer opportunities that keep streams and lakes healthy for people and wildlife.

Fish Tales packet: The “Fish Tales” brochure and a video companion piece take a historic look at Northwest salmon as an icon and barometer of watershed health in King County. The postcard packet and video encourage citizens to make a connection with their local area lakes, rivers and streams. In the video, King County residents describe how their quality of life would be affected if salmon became extinct. Citizens are invited to tell their stories by visiting <http://dnr.metrokc.gov/fishtales/>.

The “Salmon Challenge” is an interactive computer game, PC and Mac compatible, developed for grades 4 through 9 to show students how their decisions help or harm the environment and area salmon. This game can also be played online at <http://dnr.metrokc.gov/wlr/waterres/salmonch.htm>. More educational materials are available online at <http://dnr.metrokc.gov/wlr/pubs/pubindex.htm>.

Contact Valerie Dascil at 206-296-1968; toll free 1-800-325-6165, extension 61968, TTY 711 or valerie.dascil@metrokc.gov for more information.



Speaker's Bureau

King County Department of Natural Resources and Parks, Wastewater Treatment Division

All ages • Arrange to have a speaker come to your organization's meeting, neighborhood group or classroom to speak about water quality and wastewater treatment. Topics include wastewater treatment basics, the siting of our new regional wastewater treatment plant, regional wastewater system planning, advanced technologies, Puget Sound marine outfall studies and much more.

Contact John Phillips at 206-263-6543 or john.phillips@metrokc.gov to schedule a speaker or for more information.

Water and Land Technical Assistance

King County Department of Natural Resources and Parks, Water and Land Resources Division

All ages • Information can be provided and questions can be answered by staff during business hours on issues related to water and land resources.

Contact Valerie Dascil at 206-296-1968 or valerie.dascil@metrokc.gov for more information.

Teacher Workshops

Teacher Workshops

King County Department of Natural Resources and Parks

Teacher workshops are available on wetlands, salmon, and schoolyard landscaping. Project WILD and Project WET (Water Education for Teachers).

Call 206-296-4171 for more information.



IV. Transportation

AIRPORT/AVIATION EDUCATION

Curricula

Career Exploration

King County Department of Transportation, King County International Airport

Grades 7-12 • Case studies have been prepared by the Magnuson Partnership, a project of the Port of Seattle and King County, to help students learn about careers in international trade and transportation. A case study is a short story problem about a real person and a challenge that person faces. These case study lesson plans feature people in our community who work in trade and transportation. They are designed to give students an active way to “try on” a career. In addition, they help students practice basic skills in reading, writing and problem solving.

These lesson plans are all based on the 7th and 10th grade benchmarks for the Washington State Essential Academic Learning Requirements (EALRs). They are also specifically designed to help students prepare for the reading and writing exercises that are part of the Washington Assessment of Student Learning (WASL) exam. Each of these lesson plans includes everything needed for a 45-minute to one-hour lesson: student handouts, teaching notes, discussion questions, background information and answer keys for assignments. Each lesson plan includes at least one suggested written assignment to assist teachers with assessing how students are learning. Download lesson plans at <http://www.metrokc.gov/airport/education/teacher>.

Field Trips

King County International Airport Field Trip

King County Department of Transportation, King County International Airport

All ages • A ramp-side tour provides a unique look at one of the nation’s busiest general aviation airports. The narrated tour explaining the history and current operations at King County International

Airport takes about one hour. In addition to the Boeing Company delivery ramp, where the newest commercial jet aircraft can be seen, the tour allows observation from the air-side of the airport of a wide variety of general aviation businesses and activities. If time allows, additional stops can include a visit to the Aircraft Rescue and Fire Fighting station to see the latest in aviation emergency response equipment, a tour of the 1930 Terminal Building, including historical displays and public art exhibits, and/or visits to local airport businesses.

Group tours are provided free of charge, but are subject to current security requirements. Reservations are requested at least two weeks in advance. Tours require a minimum of 20 people for a bus tour and 10 people for a van tour. Some groups like to visit the Museum of Flight in conjunction with an airport tour. Scheduling is the responsibility of the tour group. The Museum of Flight is located on the southwest side of Boeing Field. Call 206-764-5700 for more information and admission fee.

Contact Rita Creighton, Airport Aviation Education Manager, at 206-296-7431 or rita.creighton@metrokc.gov for more information.



Other Resources

Job Shadows and Internships

King County Department of Transportation, King County International Airport

Grades 9-12 • Aviation remains one of the most important aspects of the Northwest economy. Airport staff will help teachers and students arrange job shadows and internships in aviation-based occupations on an individual basis. Large-scale career events with a wide variety of job shadows are held throughout the year and in April as part of King County’s Take Your Children to Work Day.

The airport also partners with the Museum of Flight in other career exploration activities, including an Annual Educator's Open House in October, a Teen

Leadership Conference in January,

and Women Fly!

– a conference in March to encourage young women to

consider non-traditional

aviation careers.

Contact Rita Creighton, Aviation Education Manager, at 206-296-7431 or rita.creighton@metrokc.gov for more information.

Opportunity Skyway

King County Department of Transportation, King County International Airport

Grades 5-12, and school dropouts • Located on-site at Boeing Field, this airport-based education initiative uses hands-on learning to teach math, science, technology and other aviation-related subjects. Activities include: student assembly of full-sized aircraft; school-based projects using gliders, kites, hot air balloons, wind tunnels, navigation and other aspects of aviation; and competitions that test student skills in aeronautical design, construction and flight. Opportunity Skyway strives to integrate academic and vocational learning. The program operates year-round with:

- A summer program for youth seeking skills leading to a first-time job experience
- Out-of-school youth working to attain their GED while developing aircraft assembly skills
- Younger children attending a summer aviation day camp
- Students from a local high school spending half a day during the school year learning real aircraft assembly skills

Call 206-296-7431 for details and dates of activities, or visit <http://www.metrokc.gov/>

[airport/education](http://www.metrokc.gov/airport/education) for more information.



TRANSIT EDUCATION and SAFETY

Classroom Programs

Intermediate Classroom Program: Transit in Transition, Part of the Pollution Solution, or Mission: Possible

King County Department of Transportation, Metro Transit Education Services

Grades 4-6 • An educator will come to your school and present a 60-minute program that includes a half-hour classroom presentation and a half-hour bus presentation. There are three options: "Transit in Transition" provides an overview of the history of transportation in King County, from the late 1850's to the present, and then a look into our transportation future. This supports local history requirements. "Part of the Pollution Solution" features a video that examines the impact of transportation on our environment. This supports environmental education requirements. The third option is "Mission: Possible," which is a fun adventure for all. Following the classroom program is a bus presentation with a 10-15 minute bus ride. During the bus rides students will look for Metro bus stops and local landmarks while practicing their bus riding manners. Teachers have two options for this program. Option 1 involves a Metro educator coming to the school and conducting both classroom and bus presentations in an hour-long program. A minimum of 50 students is required. Option 2 involves teachers showing a video and conducting the classroom discussion on their own, with a Metro educator coming to the school for the practice bus ride. The second option eliminates the need to coordinate classroom space. Each teacher may choose which video to use. A minimum of 100 students is required.

Contact Colene Baker at 206-684-1532 or colene.baker@metrokc.gov for more information.

Metro Transit Speakers' Bureau

King County Department of Transportation, Metro Transit Education Services

All ages • From career days to coordinating transportation events, and community interaction to

curriculum enrichment, Metro can provide a speaker for your classroom. Speakers are available for all classrooms from grade school through college.

Many presentations are to English as Second Language (ESL) groups, special education students or for teachers who are teaching a unit on public transportation. These presentations focus on how to ride a Metro bus and how to read a bus schedule.

Contact Colene Baker at 206-684-1532 or colene.baker@metrokc.gov for more information.

Primary Classroom Program: Ride with Pride

King County Department of Transportation, Metro Transit Education Services

Grades 1-3 • A 60-minute program includes a half-hour classroom presentation using puppets, props, interactive poems and discussion. It is followed by a half-hour bus presentation that includes a short 10-15 minute bus ride. During the bus ride students will look for Metro bus stops and local landmarks while practicing their bus riding manners. An educator will bring this popular program to your school. A minimum of 60 students is required.

Contact Colene Baker at 206-684-1532 or colene.baker@metrokc.gov for more information.

Safety Assemblies

King County Department of Transportation, Metro Transit Education Services

Grades K-6 • Full-school safety assemblies are available during September, October and November to schools throughout King County. The half-hour presentation includes a video titled, "Mission: Possible." The story is about three kids from the "Spies 'R' Us" organization who use Metro on a mission. They are given clues along the way to help them complete the mission. Materials will be given to all the students who attend the assembly and each school will receive our safety poster. Assembly emphasis is on appropriate bus riding behavior, the difference between Metro buses and school buses and our "Don't Cross in Front" safety message. A minimum of 60 students is required.

Contact Colene Baker at 206-684-1532 or colene.baker@metrokc.gov for more information.

Curricula

Transit Kindergarten Kit

King County Department of Transportation, Metro Transit Education Services

This popular program, packed into a small box, consists of a variety of teacher-directed and independent activities for kindergarten students. A school may reserve the kit for a two-week period to be shared by all kindergarten classes. At the end of the two-week period, a bus will come to the school so students may practice their bus riding manners during a short 10-15 minute trip.

The contact teacher needs to arrange for the pick-up of the kindergarten kit from the Metro office in downtown Seattle. It may be returned with the bus driver. A minimum of 25 students is required.

Contact Colene Baker at 206-684-1532 or colene.baker@metrokc.gov for more information.

Field Trips

Metro Base Tours

King County Department of Transportation, Metro Transit Education Services

All ages • See Metro in action and talk to people behind the scenes. How are buses repaired and painted? How does Metro clean a big bus in only ten minutes? Come to one of our bases to see. Tour the operator sign-in area, the maintenance shop, upholstery shop, body shop and paint shop. Learn about the tools and machines that the mechanics use. One-hour tours are available for all ages. There are four different bases and you can choose one in your area of the county! The maximum group size is 30 people.

Contact Colene Baker at 206-684-1532 or colene.baker@metrokc.gov for more information.



Metro Tunnel Tours

King County Department of Transportation, Metro Transit Education Services

All ages • Take a self-guided, one-hour tour of Metro's 1.3 mile-long underground tunnel. Students will enjoy learning about the tunnel as they look for scavenger hunt items listed in the "Tunnel Tour and Scavenger Hunt" self-guided tour brochure. View artwork and learn about trains that go over and under the tunnel. In the Westlake Station, look for sweaters etched in stone. In the University Station, shake your head and see pictures in flashing lights. There's much to see and do in the tunnel with our scavenger hunt. Maximum group size is 30 people.

Contact Colene Baker at 206-684-1532 or colene.baker@metrokc.gov for more information.

Discounted Field Trip Program

King County Department of Transportation, Metro Transit Education Services

Schools and youth organizations may travel on Metro buses for half price. See our web site for program criteria and to download the program brochure and field trip forms. Teachers and leaders can get ideas for fun destinations on a Metro bus. The web site is at <http://www.metrokc.gov/kcdot/kids/transit/field.htm>. The maximum group size is 30 people.

Contact Patricia Banks at 206-684-1581 or patricia.banks@metrokc.gov for more information.



Internet Resources

Transit School Program Web Site

King County Department of Transportation, Metro Transit Education Services

Teachers and leaders of organizations who work with youth can see all that Metro has to offer to students, preschool through college, at <http://www.metrokc.gov/kcdot/kids/transit/index.htm>.

Students will want to visit the "Transit Topics for Kids" site, where they will find articles, activities and a bus photo album.

Videos

See You on Metro

King County Department of Transportation, Metro Transit Education Services

Grades 6-12 • This video is an excellent tool for English as a Second Language (ESL) and Special Education programs. It is highly visual with simple narration that is easy to understand. The video is closed captioned so that ESL and hearing impaired students are able to read the dialogue as well as listen to it. The 12-minute video may be seen at one sitting, or it may be watched one section at a time.

Subjects/sections include:

- Introduction to Metro
- Getting Information
- How to Pay Your Bus Fare
- Regional Reduced Fare Permit (RRFP)
- Fare System
- When to Pay Your Bus Fare
- How to Use a Transfer
- Ready to Ride?
- When You Need Help
- Riding on the Bus
- Other Transportation Choices.

Contact Colene Baker at 206-684-1532 or colene.baker@metrokc.gov for more information.

V. Health and Community Safety

HEALTH

Curricula

Extension Family Nutrition Education Program - EFNEP

WSU Cooperative Extension/King County

Grades K-12 • This effective year-round food and nutrition education program targets students and families with limited resources. The youth program employs a well-tested curriculum aimed at improving students' food and nutrition-related knowledge, behaviors and overall health. Dynamic, interactive classes use demonstrations, handouts, games and hands-on activities to enhance learning. Well-trained Nutrition Educators, experienced in teaching culturally diverse audiences in a variety of settings, work with individual teachers to plan a series of classes designed to meet class and program objectives and to address the needs of individual student audiences. A series of classes is available, with classes ranging in length from 30-60 minutes, depending on topic and age of students. The number of lessons provided and topics covered is flexible/variable, determined by mutual agreement between teacher and Nutrition Educator. Opportunities for practicing new skills are provided to enhance learning and encourage positive changes in food and nutrition-related behaviors. Lesson handouts are provided to students during individual lessons. Topics include:

- The Food Guide Pyramid
- Cooking Skills
- Nutrients for a Healthy Body
- Food Shopping
- Healthy Snacks
- Food Safety
- Meal Planning

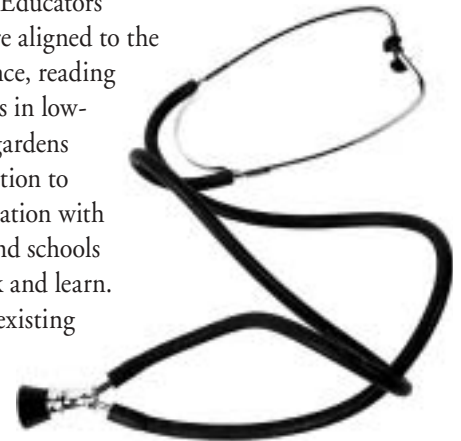
Contact Rebecca Rabbitt at 206-205-3198 or rebecca.rabbitt@metrokc.gov, or the EFNEP office at 206-205-3162 for more information. Additional program information is available at <http://www.metrokc.gov/wsu-ce/EFNEP/>.

4 - H Food \$ense Garden-Enhanced Nutrition Education Program

WSU Cooperative Extension/King County

Grade K-6 • This integrated, garden-enhanced nutrition education program targets students with limited resources and teaches experientially through gardening and cooking. Food \$ense Educators provide ten classrooms lessons that are aligned to the EALRs with emphasis on math, science, reading and writing. The program also works in low-income housing communities using gardens as an instructional tool to teach nutrition to youth. Food \$ense works in collaboration with local partners to help communities and schools become a healthier place to live, work and learn. Resources include partnerships with existing WSU Extension programs such as 4H Program, Master Gardener Program, Master Recyclers and Composting Program and Highline School District Elementary Schools, King County Housing Authority, Kent Youth and Family Services and New Futures.

Contact Susan Hauck at 206-205-3217 or Susan.Hauck@metrokc.gov for more information.



COMMUNITY SAFETY

Community Storefronts

King County Sheriff's Office

All ages • Storefronts are staffed by full-time sheriff's deputies who serve as a liaison to community organizations and residents. Their primary function is to identify and work with the community on areas of concern and quality of life issues. Storefront deputies are available to work with educators on problems that involve students or school campuses. There are currently fifteen Storefronts in unincorporated King County, two in the City of Shoreline and one in the City of Sammamish.

Contact Sergeant Henry F. McLauchlan at 206-296-3333 or henry.mclauchlan@metrokc.gov for more information.

VI. Emergency Preparedness and Prevention

Curricula

Seismic Sleuths Curriculum Guide

King County Department of Executive Services, Office of Emergency Management

Grades 7-12 • A limited supply of Seismic Sleuths curriculum guides is available to educators. Seismic Sleuths is an interactive, hands-on curriculum that explores the cause of earthquakes, ways to measure their effects and preparedness issues. Produced by the Federal Emergency Management Agency (FEMA).

Contact our office at 206-296-3830 or kc.eoc@metrokc.gov for more information.

Tremor Troops Curriculum Guide

King County Department of Executive Services, Office of Emergency Management

Grades K-6 • A limited supply of Tremor Troops curriculum guides is available to educators. Tremor Troops is an interactive, hands-on curriculum that explores the cause of earthquakes, ways to measure their effects and preparedness issues. Produced by the Federal Emergency Management Agency (FEMA).

Contact our office at 206-296-3830 or kc.eog@metrokc.gov for more information.



Field Trips

Regional Emergency Coordination Center Field Trips

King County Department of Executive Services, Emergency Coordination Center

Grades 8-10 • Tour the county's Emergency Coordination Center (ECC) where representatives from county departments and outside agencies coordinate disaster operations. Students will learn about the county's role during a disaster, such as an earthquake or flood, and how the ECC assists cities and communities within King County with disaster prevention and response issues. The tour features an inside look at the ECC's high-tech equipment and radios that are used during disaster activations. Tour length is 1.5 to 2 hours. Tours are scheduled on a first-come, first-serve basis. ONLY one tour scheduled per month.

Call 206-296-3830 to schedule a tour or for more information. Visit <http://www.metrokc.gov/prepare> for more Emergency Preparedness and Prevention information.

VII. Miscellaneous

Classroom Programs

King County Work Training Program

King County Community Services Division

Grades 7-12 • The Work Training Program provides education, employment and training services for hard-to-serve youth in King County outside the city of Seattle. Youth must be low-income, high school dropouts or at risk of dropping out of school, and between the ages of 14 and 24. Thirty-minute classroom presentations are available on pre-employment training, how to look for a job, prepare a resume and complete a work application. Career exploration and labor market information is available. Services include case management, GED attainment, basic skills remediation, credit recovery, life skills, parenting, counseling and employment and training services.

Contact George Dignan at 206-296-5220 or george.dignan@metrokc.gov for more information.

Curricula

4-H Challenge Ropes Course and Portable Challenge Kit

Washington State University Cooperative Extension Service/King County Department of Natural Resources and Parks

Grades 6-12 • Located at Bonney Lake, the year-round 4-H Challenge Ropes Course offers outdoor activities that develop problem-solving skills, teamwork, self-awareness, communication and leadership among youth. Trained facilitators insure safety and fun. Pre and post-event activities are suggested for classroom reinforcement of skills learned in the field. A portable challenge kit is available to teachers who have attended a three-day facilitator training, offered twice each year. Kit activities can be easily conducted in the school gym on an as-needed basis. Allow one day for the Challenge Ropes Course at Bonney Lake, two hours for Portable Challenge. Facilitator training is also available to interested community members.

Contact Carey Roos at 206-205-3152 or carey.roos@metrokc.gov, or visit <http://4hchallenge.wsu.edu/bonneylake> for more information.

4-H Projects and Curricula

Washington State University Cooperative Extension Service/King County Department of Natural Resources and Parks

Grades K-12 • From gardening to rocketry, wetlands to computers, as well as the theatre arts, 4-H activities teach life skills. Research-based information offers background knowledge for long-term projects that can be taken to the urban, county and state fairs. Volunteers, K-12 teachers and home-school families find the activities and projects easy to adapt to individual needs and classroom sites.

Contact Carris E. Booker at 206-205-3177 or carris.booker@metrokc.gov, or visit <http://www.metrokc.gov/wsu-ce/4-H> for more information.

4-H Programs

Washington State University Cooperative Extension Service/King County Department of Natural Resources and Parks

Grades 6-12 • 4-H programs feature Best Management Practices (BMPs), field trips, competition and implementation. In conjunction with the King County Water and Land Resources Division, 4-H offers youth groups an opportunity to tour local farms in spring, summer and fall to learn about Farm Plans and BMPs for livestock. Youth can create educational exhibits for fair competition and to inform fair visitors about BMPs. High school students are invited to construct BMPs on selected farms.

Contact Carris Booker at 206-205-3177 or carris.booker@metrokc.gov, or Brad Gaolach at 206-205-3135 or brad.gaolach@metrokc.gov, or visit <http://www.metrokc.gov/wsu-ce/4-H> for more information.



Publications

King County 4-H Program Newsletter

Washington State University Cooperative Extension Service/King County Department of Natural Resources and Parks

Adults • The monthly newsletter supports 4-H project activities in schools and community centers throughout King County. The newsletter promotes adult and youth training three times each year, suggests tips for having fun at the King County Fair by exhibiting projects, and links groups to local resources for community service projects and extended learning opportunities. The newsletter is for adults; the 4-H Program is for youth ages 5-18.

Contact Carris E. Booker at 206-05-3177 or carris.booker@metrokc.gov, or visit <http://www.metrokc.gov/wsu-ce/4-H> for more information.

Other Resources

King County's Fiber Optic Network Plans

King County Department of Executive Services, Information and Telecommunications Services Division

King County is building a fiber optic institutional network (I-Net) to 270 sites, including all school districts, suburban cities and some King County agencies as well as a group of content providers including museums, King County libraries, Woodland Park Zoo, Seattle Center, Seattle Art Museum and Benaroya Hall. Many King County regional and branch libraries and King County departments are already using I-Net

and its capabilities. Over 11,000 miles of fiber optic cable have been installed to enable this high-speed broadband network. It now serves ten cities within King County. Four school districts are now using a combination of I-Net and "dark fiber" to upgrade their network infrastructure. This network will enable participants to contact each other via data or video across the network. I-Net will allow schools to use distance learning capacities with higher education, allowing K-12 students to "sit in" on classes at the community colleges, and teachers can participate in continuing education classes without leaving their schools. The increased capacity and performance that I-Net provides will help future applications like two-way video between members of the I-Net. Schools need their own video or computing equipment to take full advantage of the I-Net network. I-Net is an E-Rate eligible service provider. King County libraries and several school districts are already receiving the benefits of E-Rate.

Contact Betty Richardson or Walt Yeager at 206-263-4814 or visit <http://www.metrokc.gov/dias/its/i-net/index.htm>.



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Applicable grade levels or age groups are indicated after each listing below.

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IX. KING COUNTY PROGRAM CONTACTS

Note: All King County employees can be reached by using the following e-mail format: firstname.lastname@metrokc.gov

Office of Civil Rights

Classroom/School Presentations

John Macdonald(206) 296-7592

Cultural Development Authority

Cultural Education Program

Charlie Rathbun 206-296-8675

Special Arts Projects

Doreen Mitchum206-296-7579

Special Heritage Projects

Charles Payton 206-296-8693

Department of Community and Human Services

Work Training Program

George Dignan 206-296-5220

Department of Executive Services

Office of Emergency Management Emergency

Preparedness Training Laurel Nelson 206-296-3830

Department of Natural Resources and Parks

Parks and Recreation Division

Community Gardening Program

Anne Lipe 206-205-8751

Wetlands Information

Klaus Richter 206-205-5622

Public Affairs

Fall for Salmon Month

Brooke Bascom 206-296-8263

Solid Waste Division

Class Act and Green Gram newsletters

Donna Miscolta 206-296-4477

Green Schools Program

Dale Alekel 206-296-8457

Household Hazardous Waste Teacher Training

Gerty Coville 206-296-8459

Master Recycler Composter Program

Karen May 206-296-4353

Recycling and Waste Reduction Assistance

Dale Alekel 206-296-8457

School Programs Grades 1-12

Donna Miscolta 206-296-4477

Wastewater Treatment Division

Speakers Bureau

John Phillips206-684-6799

Wastewater Treatment Programs

Laura Gray 206-263-3028

Wastewater Treatment Video

Jo Sullivan 206-296-8361

Wheels to Water Program

Laura Gray 206-263-3028

Water and Land Resources Division

Beach Naturalist Program

Polly Freeman 206-296-8359

Car Wash Kits and Storm Drain Stenciling

Lexi Taylor 206-296-8287

Cedar River Salmon Journey

Polly Freeman 206-296-8359

Downstream News

Polly Freeman 206-296-8359

Grant Program

Donna Kalka 206-296-8494

Groundwater Programs

Ray Eldridge 206-263-6572

Household Hazardous Waste Classroom Program

Gail Gensler 206-263-3082

Native Plant Salvage Program

Linda Vane 206-296-8042

Natural Resource Stewardship Network

Linda Vane 206-296-8042

Public Meeting and Exhibition Calendar

Valerie Dascil206-296-1968

Rural Community Partnership Grants

Ken Pritchard 206-296-8265

Technical Assistance and Lending Center

Valerie Dascil206-296-1968

Volunteer Plantings/Adopt-A-Park Program

Tina Miller 206-296-2990

Water Quality Education Program

Lexi Taylor 206-296-8287

WaterWorks Program

Ken Pritchard 206-296-8265



IX. KING COUNTY PROGRAM CONTACTS *Continued*

Department of Public Safety

Sheriff's Office

Community Safety
Sgt. Henry McLaughlin 206-296-3333

Department of Transportation

Airport Aviation Education and Field Trips
Rita Creighton 206-296-7431
Transit Education and Field Trip Programs
Colene Baker 206-684-1532

WSU Cooperative Extension/King County

4-H Programs
Carey Roos 206-205-3152
Carris Booker 206-205-3177
Brad Gaolach 206-205-3135
Agriculture and Cultural Diversity Programs
Sonia G. Morales O. 206-205-3133
Land/Water Stewardship Program
Paul Racette 206-205-3171
Sylvia Kantor 206-205-3131
Nutrition Education
Susan Hauck 206-205-3162
Rebecca Rabbit 206-205-3163

X. FIND IT ON THE NET

The following internet addresses are found throughout this directory. They are listed by topic below for your convenience.

Airport Aviation Education

<http://www.metrokc.gov/airport/education/>

Beach Naturalist Program

<http://dnr.metrokc.gov/wlr/pi/beach-naturalists.htm>

Car Wash Kits

<http://dnr.metrokc.gov/wlr/pi/carwash.htm>

Cedar River Salmon Journey

<http://dnr.metrokc.gov/wlr/pi/cedar-river-journey.htm>

Chinook Book

<http://www.ChinookBook.net>

Civil Rights

<http://www.metrokc.gov/dias/ocre>

Class Act and Green Gram Newsletters

<http://dnr.metrokc.gov/swd/schoolpr/news/news.htm>

Cultural Education

<http://www.artseducationlink.net>

Department of Natural Resources and Parks Kids Web Site

<http://www.metrokc.gov/dnr/kidsweb/>

Department of Natural Resources and Parks Publications

<http://dnr.metrokc.gov/topics/publications/pubtopic.htm>

Department of Natural Resources and Parks School Resources

<http://dnr.metrokc.gov/topics/learning/LRNtop.htm>

Downstream News

<http://dnr.metrokc.gov/wlr/pi/downstream-news.htm>

Emergency Preparedness

<http://www.metrokc.gov/prepare>

Green Teams

<http://dnr.metrokc.gov/swd/schoolpr/elem/greenteams.htm>

Greens Schools Program

<http://dnr.metrokc.gov/swd/schoolpr/greenschools/>

Household Hazardous Waste Mini-Grants

<http://dnr.metrokc.gov/swd/schoolpr/hhw/minigrants.htm>

Household Hazardous Waste School and Youth Program

<http://www.metrokc.gov/hazwaste/teachers>

Institutional (I-Net) Program

<http://www.metrokc.gov/dias/its/i-net/index.htm>

Master Recycler Composter Program

<http://dnr.metrokc.gov/swd/resrecy/recycling/maste>

Mountains to Sound Greenway

<http://www.mtsgreenway.org>

Native Plant Salvage Program

<http://dnr.metrokc.gov/wlr/pi/salopps.htm>

Parks Programs

<http://www.metrokc.gov/parks>

Programs for Educators Directory

<http://www.dnr.metrokc.gov/swd/schoolpr/EduDir.htm>

Recycling and Waste Reduction Assistance

<http://dnr.metrokc.gov/swd/schoolpr/recycle>

Salmon Habitat Presentation for the Green/Duwamish and Central Puget Sound Watershed

dnr.metrokc.gov/Wrias/9/index.htm

Solid Waste Division Schools Programs

<http://dnr.metrokc.gov/swd/schoolpr/schoolpg.htm>

Speaker's Bureau and Treatment Plant Tours

<http://dnr.metrokc.gov/wtd/tours/index.htm>

Storm Drain Stenciling

<http://dnr.metrokc.gov/wlr/pi/stencil.htm>

Transit School Program Web Site

<http://www.metrokc.gov/kcdot/kids/transit/index.htm>

Volunteer Opportunites

<http://www.metrokc.gov/volunteer.htm>

Waste Reduction and Recycling Topics

<http://dnr.metrokc.gov/swd/>

Wastewater Treatment Division

<http://dnr.metrokc.gov/wtd/>

Water and Land Resources Division Grant Programs

<http://dnr.metrokc.gov/wlr/pi/grant-exchange/grantprograms.htm>

Water and Land Resources Division Publications

<http://dnr.metrokc.gov/wlr/pubs/pubindex.htm>

Water Quality

<http://dnr.metrokc.gov/wlr/resource.htm>

Watershed Stewardship Directory

<http://dnr.metrokc.gov/wlr/wsdir/>

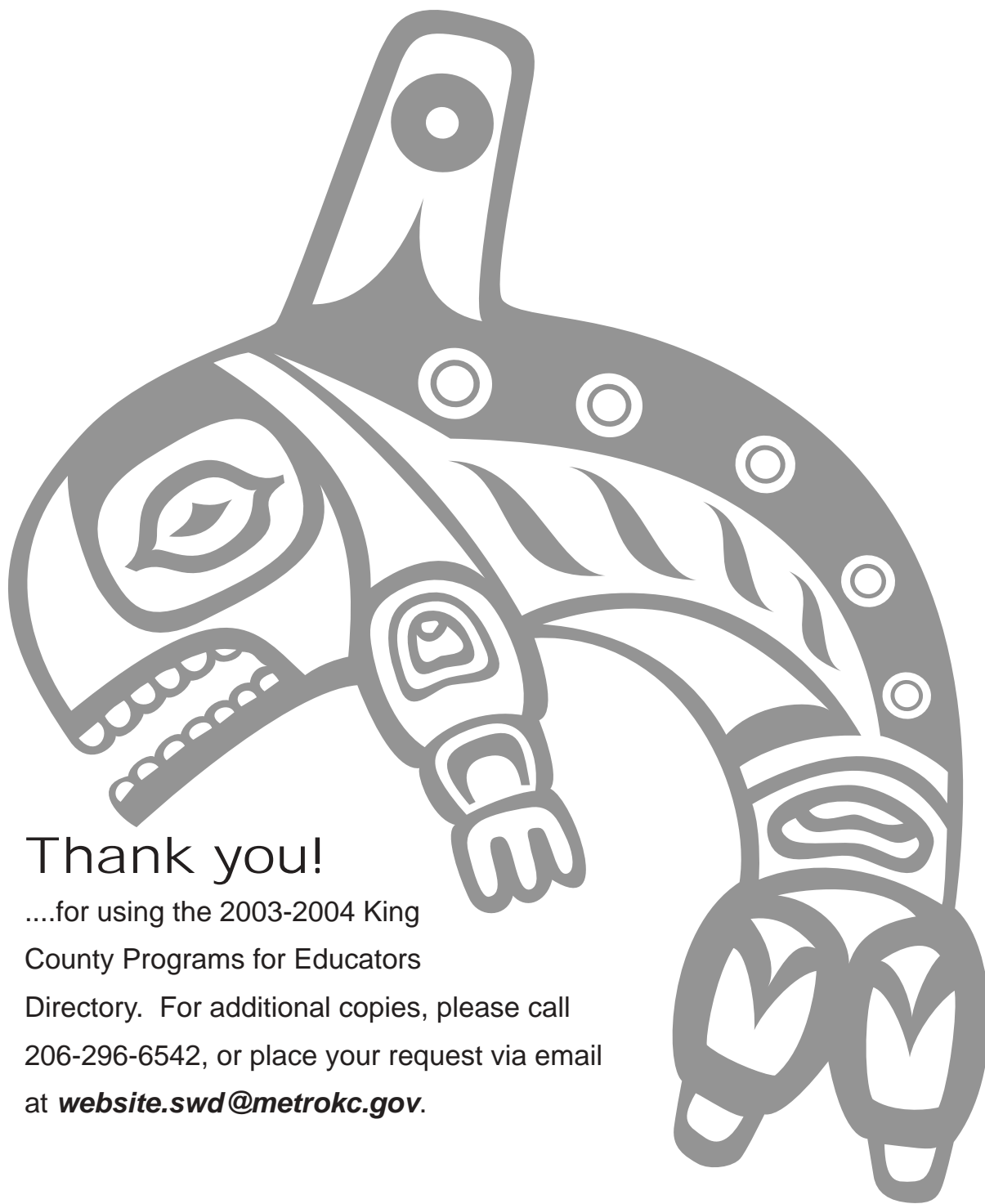
Wheels to Water Program

<http://dnr.metrokc.gov/wtd/wheelstowater/index.htm>

WSU Cooperative Extension 4-H and Nutrition Programs

<http://www.metrokc.gov/wsu-ce>





Thank you!

....for using the 2003-2004 King County Programs for Educators Directory. For additional copies, please call 206-296-6542, or place your request via email at ***website.swd@metrokc.gov***.

Produced by King County Department of Natural Resources and Parks–Solid Waste Division

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Ron Sims

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